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PA - (HITA) HITACHI LTD

PN - JP2000210570 A 20000802 DW200047 B01J35/02 009pp

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XIC - A61L-009/20 ; A62D-003/00 ; B01J-019/12 ; B01J-035/02

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AB - JP2000210570 NOVELTY - A photocatalyst apparatus has a light source surrounded by a glass tube (12). A photocatalyst film (11) is carried out to the outer surface and the light source releases UV rays with a wavelength of 400 nm or less.

- USE - For processing organic substance, deodorizing offensive odor and for sterilization.

- ADVANTAGE - The light irradiating ultraviolet rays is utilized efficiently with increased photocatalytic activity.

- DESCRIPTION OF DRAWING(S) - The figure shows a photocatalytic apparatus.

- Photocatalyst film 11

- Glass tube 12

- (Dwg.1/6)

IW - PHOTOCATALYST APPARATUS OFFENSIVE LIGHT SOURCE SURROUND GLASS TUBE
PHOTOCATALYST FILM OUTER SURFACE LIGHT RELEASE ULTRAVIOLET RAY
SPECIFIED WAVELENGTH

IKW - PHOTOCATALYST APPARATUS OFFENSIVE LIGHT SOURCE SURROUND GLASS TUBE
PHOTOCATALYST FILM OUTER SURFACE LIGHT RELEASE ULTRAVIOLET RAY
SPECIFIED WAVELENGTH

NC -001

OPD - 1999-01-26

ORD - 2000-08-02

PAW - (HITA) HITACHI LTD

TI - Photocatalyst apparatus for deodorizing offensive odor and sterilization has light source surrounded by glass tube and photocatalyst film on outer surface and light releases UV rays with specified wavelength